

DSP-3, encoded by 501 base pairs

1 CCGCGGCGCT CCTCCGCCCC GTAAACATGCC ATAGTGCGCC TCCGACCCACA CGGGCGGGCGC
61 GCTAGCGTTC GCTTCAGCC ACCATGGGGA ATGGGATGAA CAAGATCCIG CCCGGCGCTGT
121 ACGTCGGCAA CTTCAGAGAT GCCAGAGACG CGGAACAATT GAGCAGAAGAC AAGGTGACAC
181 ATATTTCTGTC TGTCACGAT AGTCCGGCC TATGTTGGAG GACAAGACAT TTCAAAGAAA
241 GTATTAATT CATTCAAGAG TGGCGGCTCC GCGGTGAGAG CTGCCTTGTA CACTGGCTGG
301 CGGGGGCTTC CAGGAGCGTG ACAGCTGGTGA TCGCATACAT CATGACCGTC ACTGACTTTG
361 GCTGGGAGGA TGCCCTGCAC ACCUTGGCTG CGGGGAGATC CTGTGCCAAC CCCAACGGTGG
421 GCTTCCAGAG ACAGCTCCAG GAGTTTGAGA ACCATGAGGT CCATCAGTAT CGGCAGTGGC
481 TGAAGGAAGA ATATGGAGAG AGCCCTTTCG AGGATGCCAGA AGAAGCCAAG AACATCTGG
541 CGGCTCCAGG AATTCAGAG TTCTGGCCT TTCTCAGAAG ACTGAAATGT ACCTGAAGTT
601 TGTGAANTAT TCCAAACCCG CAGAGTTTG GCTGGTGTGCG CC3AAAAGAA AAGCAACATA
661 GAGTTTAAGT ATCCAGTAGT GATTTGAAA CTGTTTTTC ATTTGAAGCT GAATATATAC
721 GTAGTCATGT TTATGTTGAG AACTAAGGAT ATTCTTTAGC AAGAGAAAAAT ATTTTCCCGT
781 TATCCCCACT GCTGTGGAGG TTCTGTACCC TCGCTTGGAT GCGTGTAAAGG ATCCCCGGGAG
841 CCTTGGCGCA CTGCCCTGTG GGTGCGTTGG CGCTC

FIG.1

FIG.2

Translated, 167 amino acids

MGNGMNKILPGLYIGNFKDARDAEQLSKNKVTHILSVHDSPLCWTRHFKESEIKFIHECRLGESCLVRCLA
GVSRSTVLVAYIMTVTDFGWEDALHTVRAGRSCANPNVGQRLQEFKHEVHQYRQWLKEEYGESPLQD
AEEAKNILAAPGILKFWAFLRRL*

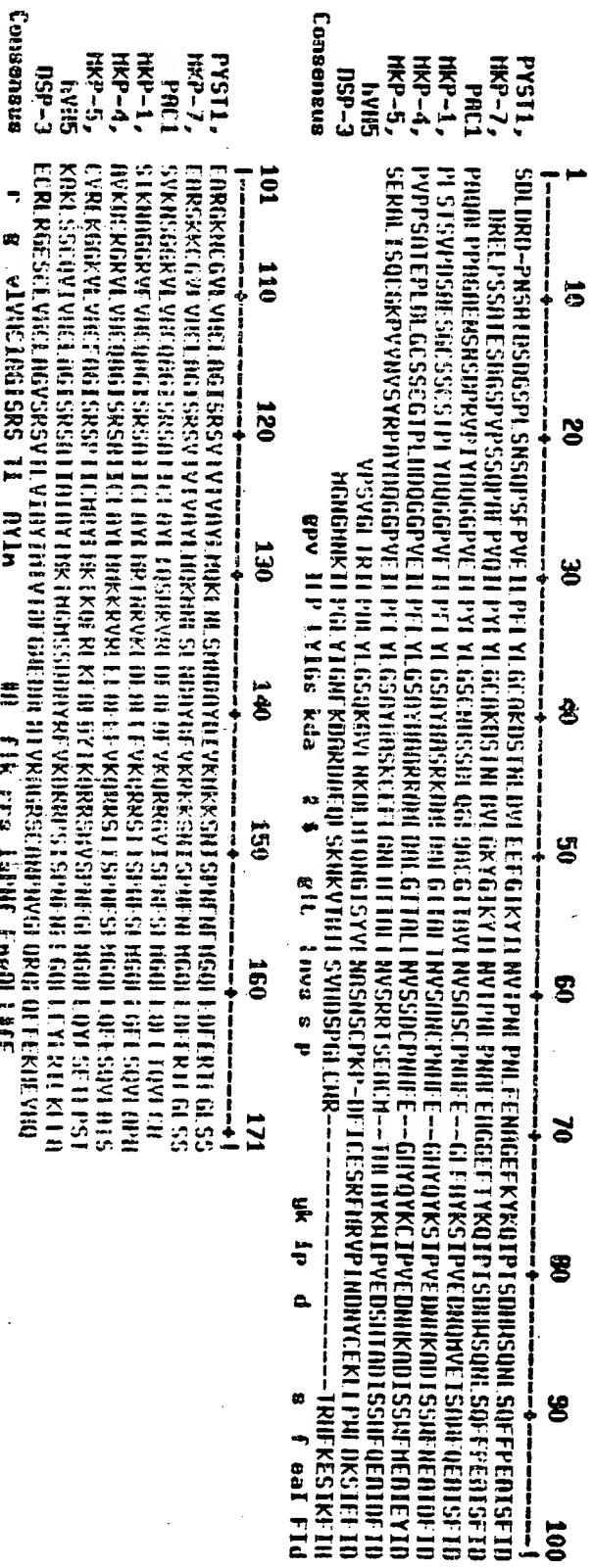
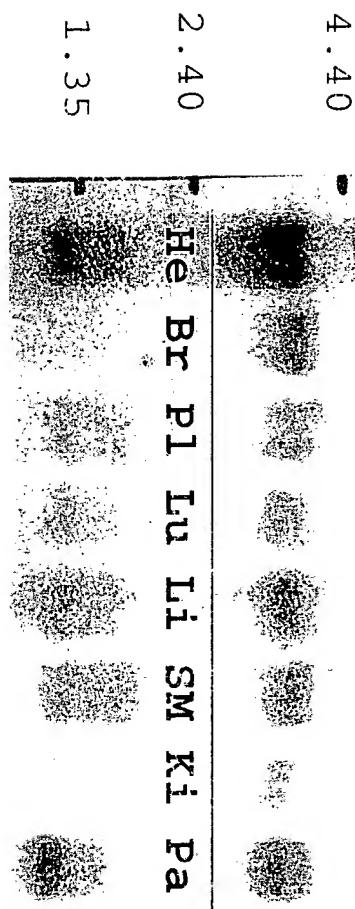


FIG.3

DSP-3

- Northern blot analysis



- He = Heart
- Br = Brain
- Pl = Placenta
- Lu = Lung
- Li = Liver
- SM = Skeletal Muscle
- Ki = Kidney
- Pa = Pancreas

FIGURE 4